

WHAT IS CLAIMED IS:

1. An extrusion, comprising:

a plurality of elongate P-type regions extending  
approximately from a first end of the extrusion to a  
5 second end of the extrusion; and

a plurality of elongate N-type regions generally  
interspersed between and adjacent to the P-type regions,  
each N-type region extending approximately from the first  
end to the second end.

2. A thermoelectric device, comprising:

a P/N-type wafer having a plurality of P-type regions and a plurality of N-type regions generally interspersed between and adjacent the P-type regions;

5 a patterned metalization coupled with at least a subset of the P-type regions and N-type regions; and

first and second plates coupled with the P/N-type wafer.

10 3. The thermoelectric device of Claim 2, wherein the subset of the P-type regions and N-type regions are arranged electrically in series and thermally in parallel.

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